

Purchase Order Receipt Listing

Thursday, December 01, 2016 11:05:02 AM

All amounts are calculated in domestic currency.

Page 1 of 1

All Vendors PO ID PO34444 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

[illegible]



O'Neal High-Performance Metals Group



Packing Slip

ORDER NO.: 60620536

FROM: CRAN

PAGE 1

CUST NUMBER: 1203820 NET WGT: 24.271 REQ.DATE: 12/02/16 CONFIRMED
 SOLD TO: SHIP TO:
 DART AEROSPACE LTD DART AEROSPACE LTD
 1270 ABERDEEN ST 1270 ABERDEEN ST
 HAWKESBURY ON HAWKESBURY ON
 CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 11/29/16
 TERMS: NET 30 DAYS VIA: COMMON CARRIER
 F.O.B.: SHIPPING POINT FREIGHT: PREPAID
 CUST ORD NO.: PO34444 RELEASE NO.:
 RECEIVING PHONE:

LINE ITEM DESCRIPTION WIDTH LENGTH
 0001 44328 D6061-T6 1-3/4 OD X .065 WA 12 FT ML

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT
	60.000 FT	60.000 FT	60.000 FT	24.271

PCS
5

** 1 TEST REPORTS REQUIRED **
 ** 1 CERTS REQUIRED **

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00
 PO:49357065 HT:24100524 PC: 5 CUSTOMER QTY: 60.000 UOM FT
 MLT:UNITED STATES MFG:UNITED STATES SLB/CL:1000546276

BROKERS KUEHNE AND NAGEL LTD

SP/6-12-1

AREA	TYPE OF PKG	PKGS	GRS	WEIGHT	WIDTH	LENGTH	HGHT
B	REDDICRATE	1.000		50.000		12.5000	

1.000 50.000

BY: GS
 RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED

DATE FILLED

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE
 PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL
 REVIEW.
<http://www.twmetals.com/invoice-terms.html>



O'Neal High-Performance Metals Group



**Packing
Slip**

ORDER NO.: 60620536

FROM: CRAN

PAGE 2

CUST NUMBER: 1203820	NET WGT: 24.271	REQ.DATE: 12/02/16	CONFIRMED
SOLD TO:		SHIP TO:	
DART AEROSPACE LTD		DART AEROSPACE LTD	
1270 ABERDEEN ST		1270 ABERDEEN ST	
HAWKESBURY ON		HAWKESBURY ON	
CANADA	CN K6A 1K7	ONTARIO CANADA	CN K6A 1K7
SALESPERSON: DONNA SMALLEY	SHIP BY: 11/29/16		
TERMS: NET 30 DAYS	27 ENGLEHARD DRIVE		
F.O.B.: SHIPPING POINT	MONROE TWP	NJ 08831	
CUST ORD NO.: PO34444			
VIA: COMMON CARRIER			
FREIGHT: PREPAID			
RELEASE NO.:			
RECEIVING PHONE:			

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Authorized Test Report Clerk Cyril Leamon Date: 11/29/16

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL REVIEW.
<http://www.twmetals.com/invoice-terms.html>

Certified Inspection Report

ARCONIC FORGING AND EXTRUSIONS
Lafayette Operations
3131 East Main Street
Lafayette, IN
47905-7500

Alcoa, Inc.

Invoice To Customer

TW METALS INC
THE ARBORETUM SUITE 204
760 CONSTITUTION DR
EXTON, PA - 19341

Ship To Customer

TW METALS INC
27 ENGLEHARD DR
MONROE, NJ - 08831



Sales Order Number		Customer P/O		Cert Number	Page
1000546276	Line No.	23.1	49357065-001 / ITEM 44328	AEP1725651	1/2
				06-OCT-16	Cert Print Date
				06-OCT-16	

Quantity Shipped		Date Shipped	Item Description
467	LB	06-OCT-16	Drawn Tube OD X WALL
B/L		Item No.	1.750 OD x 0.065 WALL
2314499		G03346574	144 IN LN
Delivery ID		Item No. Rev	6061 / T6
11069413			W/F 0.405
Customer Part No			Marking CONTINUOUS; Oiling NO
			AMS4082 REV P
			AMS-WW-T-7006 REV C
			ASTMB210 REV 12
			CP49-7.4.2-005 REV 8
			WW-T-7006 REV F, AM2, NOT1
			AS9100 REV C
			MMS1440 REV A

Notes

The material for this order was melted and manufactured in USA.
COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

Melissa Griffith

Melissa Griffith
Quality Control Manager

06-OCT-16

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G17-PKG813168	24100524	25	PCS	138	122
G17-PKG813171	24100524	71	PCS	376	345

Composition Limits

Alloy	Wt %	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6061	Min	0.40	---	0.15	---	0.8	0.04	---	---
	Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15

Others Total

Alloy	Wt %	Others Each
6061	Min	---
	Max	0.05

Composition Results

Heat / Cast / Lot Number	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
8181-L35	0.6	0.15	0.27	0.04	0.9	0.06	0.09	0.02

Certified Inspection Report

ARCONIC FORGING AND EXTRUSIONS
Lafayette Operations
3131 East Main Street
Lafayette, IN
47905-7500

Sales Order Number		Customer P/O		Cert Number		Page	
1000546276		23.1		AEP1725651		2/2	
Line No.		49357065-001 / ITEM 44328		06-OCT-16		Cert Print Date	
06-OCT-16							

Composition Results

Heat / Cast / Lot Number	Others Each	Others Total
8181-L35	--	--

Mechanical Property - Test Results

Test Type		UTS - L	TYL - L	EL 4D-Long
UOM		KSI	KSI	PCT
# of Tests				
Piece / Test ID				
1-F				
Test Temper	Lot Number	Results	Results	Results
T6	24100524	45.7	41.8	20.6

Other - Test Limits

Test Type		Dimensional	
UOM			
# of Tests			
Lot Number		Min	Max
SPEC LIMITS		P	---

Other - Test Results

Test Type		Dimensional	
UOM			
# of Tests			
Lot Number		Results	
24100524		P	

Cert Notes

Made in USA

The test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M 6061 T6 1,750W.06

PO / BATCH NO.: 34444 / M136283

DATE: 16-12-05

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 1.750 w 0.60

QUANTITY RECEIVED: 60'

THICKNESS RECEIVED: 1.751 w 0.69

QUANTITY INSPECTED: 60'

SHEET SIZE ORDERED: 0

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: 0

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	Y	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL	Y	N	
CORRECT THICKNESS	Y	N	
PHOTO REQUIRED	Y	N	
CORRECT MATERIAL	Y	N	
CORRECT REF # TO LINK CERT	Y	N	
CORRECT MATERIAL IDENTIFICATION	Y	N	H 24100524
CORRECT M# ON THE MATERIAL	Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>38</u>	SIGNED OFF BY: _____		
DATE: <u>DEC 05 2016</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34444**

Purchase Order Date 11/28/2016

PO Print Date 11/28/2016

Page Number 1 of 2

Order From :

VU-TWM001

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

NOV 28 2016

E-MAILED

Contact Name

Vendor Phone 585 768 5600

Ship To Contact

Ship To Phone

Ship Via: YRC COLLECT

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency USD

FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						

1	M6061T6T1.750W.065	6061T6 RDTUBE 1.750 X 0.65W	12/2/2016		60.00	\$6.75	\$405.00
			Yes		f		
			12/2/2016				

MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING
AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR
AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR
ASTM B241

Line Total: \$405.00

2	71401-45	PROCUREMENT QUALITY CLAUSES	12/2/2016		1.00	\$0.00	\$0.00
---	----------	-----------------------------	-----------	--	------	--------	--------

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

No
12/2/2016

5016-12-1

Note:

11/28/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34444

Purchase Order Date 11/28/2016

PO Print Date 11/28/2016

Page Number 2 of 2

Order From :

TW METALS
PO BOX 933014
ALTANTA, GA 31193-3014
US

VU-TWM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

585 768 5600

Ship To Contact

Ship To Phone

Ship Via:

YRC COLLECT

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

Line Total: \$0.00

PO Total: \$405.00

SP16-121

CL

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 3

Change Date: 11/28/2016